

PROPOSED CLAIM AMENDMENTS

The below listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Previously presented) A method, comprising:
 - a) receiving a message that was sent from a remote device, said message comprising a definition, a state change, and a command, said definition defining a fixed aspect of a user environment, said state change describing a change in a non-fixed aspect of said user environment, said command being a directive that causes a function to be performed; and,
 - b) processing said definition before said state change and said command are processed, processing said state change before said command is processed, and processing said command.
2. (Previously presented) The method of claim 1 wherein said command further comprises an express command.
3. (Original) The method of claim 2 wherein said express command corresponds to a clicking a mouse button.
4. (Original) The method of claim 2 wherein said express command corresponds to hitting an enter key.
5. (Original) The method of claim 2 wherein said express command corresponds to selecting an option from a menu.

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6. (Previously presented) The method of claim 1 wherein said command is an instruction command.
7. (Original) The method of claim 6 wherein said instruction command corresponds to getting a form.
8. (Previously presented) The method of claim 1 wherein said state change corresponds to a new value in a form.
9. (Previously presented) The method of claim 1 wherein said definition corresponds to the definition of a form.
10. (Previously presented) The method of claim 1 wherein said processing said definition further comprises updating a definition record associated with a GUI understanding with said definition.
11. (Previously presented) The method of claim 1 wherein said processing said state change further comprises updating a state record associated with a GUI understanding with said state change.

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12. (Currently amended) A method executed by a local device that cooperatively operates with a remote device in order to implement an application software program, said device separated from said remote device by a network, said method comprising:

a) recognizing that a dependence on said remote device exists, said dependence being a need for said remote device to perform some act, said act allowing said application software program to continue to operate; and

b) sending a message to said remote device, said message comprising either a definition, a state change, and a command ~~or some combination thereof~~, said definition defining a fixed aspect of a said application software program, said state change describing a change in a non-fixed aspect of said application software program, said command being a directive that causes said remote device to perform said act.

13. (Currently amended) The method of claim 12 wherein said command ~~(if any)~~ further comprises an express command.

14. (Original) The method of claim 13 wherein said express command corresponds to a clicking a mouse button.

15. (Original) The method of claim 13 wherein said express command corresponds to hitting an enter key.

16. (Original) The method of claim 13 wherein said express command corresponds to selecting an option from a menu.

17. (Currently amended) The method of claim 12 wherein said command ~~(if any)~~ is an instruction command.

18. (Original) The method of claim 17 wherein said instruction command corresponds to getting a form.

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19. (Currently amended) The method of claim 12 wherein said state change ~~(if any)~~ corresponds to a new value in a form.

20. (Currently amended) The method of claim 12 wherein said definition ~~(if any)~~ corresponds to the definition of a form.

21. (Currently amended) The method of claim 12 further comprising updating a GUI understanding by processing said definition ~~(if any)~~ before processing said state change ~~(if any)~~.

22. (Currently amended) The method of claim 21 wherein said processing said definition ~~(if any)~~ further comprises updating a definition record associated with said GUI understanding with said definition ~~(if any)~~.

23. (Currently amended) The method of claim 21 wherein said processing said state change ~~(if any)~~ further comprises updating a state record associated with said GUI understanding with said state change ~~(if any)~~.

24. (Canceled)

25. (Currently amended) The method of claim 12 ~~[[24]]~~ further comprising translating said definition ~~(if any)~~, said state change ~~(if any)~~ and said command ~~(if any)~~ to a GUI.

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26. (Previously presented) A device having a processor and a memory coupled to the processor, the memory having stored therein sequences of instructions which, when executed by the processor, cause the processor to perform the acts of:

a) receiving a message that was sent from a remote device, said message comprising a definition, a state change, and a command, said definition defining a fixed aspect of a user environment, said state change describing a change in a non-fixed aspect of said user environment, said command being a directive that causes a function to be performed; and

b) processing said definition before said state change and said command are processed, processing said state change before said command is processed, and processing said command.

27. (Previously presented) The device of claim 26 wherein said command further comprises an express command.

28. (Original) The device of claim 27 wherein said express command corresponds to a clicking a mouse button.

29. (Original) The device of claim 27 wherein said express command corresponds to hitting an enter key.

30. (Original) The device of claim 27 wherein said express command corresponds to selecting an option from a menu.

31. (Previously presented) The device of claim 26 wherein said command is an instruction command.

32. (Original) The device of claim 31 wherein said instruction command corresponds to getting a form.

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33. (Previously presented) The device of claim 26 wherein said state change corresponds to a new value in a form.

34. (Previously presented) The device of claim 26 wherein said definition corresponds to the definition of a form.

35. (Previously presented) The device of claim 26 wherein said processing said definition further comprises updating a definition record associated with a GUI understanding with said definition.

36. (Previously presented) The device of claim 26 wherein said processing said state change further comprises updating a state record associated with a GUI understanding with said state change.

37. (Currently amended) A local device that cooperatively operates with a remote device in order to implement an application software program, said device separated from said remote device by a network, said device having a processor and a memory coupled to the processor, the memory having stored therein sequences of instructions which, when executed by the processor, cause the processor to perform the acts of:

- a) recognizing that a dependence on said remote device exists, said dependence being a need for said remote device to perform some act, said act allowing said application software program to continue to operate; and
- b) sending a message to said remote device, said message comprising either a definition, a state change, and a command ~~or some combination thereof~~, said definition defining a fixed aspect of a said application software program, said state change describing a change in a non-fixed aspect of said application software program, said command being a directive that causes said remote device to perform said act.

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38. (Currently amended) The local device of claim 37 wherein said command ~~(if any)~~ further comprises an express command.

39. (Previously presented) The local device of claim 38 wherein said express command corresponds to a clicking a mouse button.

40. (Previously presented) The local device of claim 38 wherein said express command corresponds to hitting an enter key

41. (Previously presented) The local device of claim 38 wherein said express command corresponds to selecting an option from a menu.

42. (Currently amended) The local device of claim 37 wherein said command ~~(if any)~~ is an instruction command.

43. (Previously presented) The local device of claim 42 wherein said instruction command corresponds to getting a form.

44. (Currently amended) The local device of claim 37 wherein said state change ~~(if any)~~ corresponds to a new value in a form.

45. (Currently amended) The local device of claim 37 wherein said definition ~~(if any)~~ corresponds to the definition of a form.

46. (Currently amended) The local device of claim 37 further comprising updating a GUI understanding by processing said definition ~~(if any)~~ before processing said state change ~~(if any)~~.

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47. (Currently amended) The local device of claim 46 wherein said processing said definition ~~(if any)~~ further comprises updating a definition record associated with said GUI understanding with said definition ~~(if any)~~.

48. (Currently amended) The local device of claim 37 wherein said processing said state change ~~(if any)~~ further comprises updating a state record associated with said GUI understanding with said state change ~~(if any)~~.

49. (Cancelled)

50. (Currently amended) The local device of claim 32 ~~[[49]]~~ further comprising translating said definition ~~(if any)~~, said state change ~~(if any)~~ and said command ~~(if any)~~ to a GUI.

51. (Previously presented) A machine readable medium having stored thereon sequences of instructions, which when executed by a processor, cause the processor to perform a method, said method comprising:

a) receiving a message that was sent from a remote device, said message comprising a definition, a state change, and a command, said definition defining a fixed aspect of a user environment, said state change describing a change in a non-fixed aspect of said user environment, said command being a directive that causes a function to be performed; and

b) processing said definition before said state change and said command are processed, processing said state change before said command is processed, and processing said command.

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52. (Currently amended) A machine readable medium to be executed by a local device that cooperatively operates with a remote device in order to implement an application software program, said device separated from said remote device by a network, said machine readable medium having stored thereon sequences of instructions, which when executed by a processor, cause the processor to perform the acts of:

a) recognizing that a dependence on said remote device exists, said dependence being a need for said remote device to perform some act, said act allowing said application software program to continue to operate; and

b) sending a message to said remote device, said message comprising either a definition, a state change, and a command ~~or some combination thereof~~, said definition defining a fixed aspect of a said application software program, said state change describing a change in a non-fixed aspect of said application software program, said command being a directive that causes said remote device to perform said act.

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COMMENTS

Claims 12, 13, 19-23, 25, 37, 38, 42, 44-48, 50 and 52 have been amended and claims 24 and 49 been cancelled without prejudice. Accordingly, fifty (50) claims are currently pending in the instant patent application (claims 1-23, 25-48 and 50-52).

This paper is intended to be a complete response to the above-identified Office Action. It is believed no fee is due. If fees are required, however, the Commissioner is authorized to deduct the necessary charges from Deposit Account 501922/149-0112US.

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Date



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